

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT
BUREAU OF ENVIRONMENTAL REMEDIATION
SITE EVALUATION DECISION

SITE NAME: Standard Products/West Kellogg Site

KDHE ID #: C2-087-72515

Alias Site Names:

City: Wichita

County: Sedgwick

State: Kansas

Refer to Report Dated: March 2013

Report type: Site Evaluation (SE)

Project Manager: Jonathan Vopata, KDHE/BER

DECISION: Tetrachloroethylene (PCE) was detected above its Maximum Contaminant Level (MCL) of 5 micrograms per liter ($\mu\text{g/L}$) upgradient of this site in a residential area. Since a release of PCE to groundwater has been observed with no identified source area, further CERCLA site assessment is recommended. The former Standard Products facility on West Kellogg does not appear to be a source area for PCE.

DISCUSSION/RATIONALE: The Standard Products property is located at 7920 West Kellogg in Wichita, Sedgwick County, Kansas. Standard Products historically operated at multiple sites in Wichita, and of these two have documented radium-226 contamination. Three Standard Product properties were investigated by KDHE through Unified Focused Assessments (UFAs). National Cash Register (NCR) was a parent company of Standard Products and operated at the West Kellogg location between 1970 and 1998. The West Kellogg facility does not appear to have held a Kansas Radioactive Materials License.

Soil samples collected during the UFA at the West Kellogg property indicated no elevated levels of heavy metals above residential RSK levels or radium-226 above the screening level of 5 picoCuries per gram plus background in soils or the screening level of 5 picoCuries per liter for groundwater samples. PCE was detected in all three groundwater samples at concentrations ranging between 1.8 and 8.1 $\mu\text{g/L}$. The maximum detection of 8.1 $\mu\text{g/L}$ was identified in sample SP-2, assumed to be on the upgradient side of the property.

During the SE, an additional seven direct-push groundwater samples were collected in the assumed upgradient direction from the Standard Products/West Kellogg property investigated during the UFA. PCE was detected at a maximum concentration of 7.4 $\mu\text{g/L}$, above its MCL, in SE-5 approximately 1,500 feet upgradient of the UFA SP-2 sample location. This sample location is within a residential area with no apparent source area for PCE nearby.

Since a significant release of PCE above its MCL to groundwater is present upgradient of the Standard Products/West Kellogg site, and no source area was identified, a Preliminary Assessment consistent with the National Oil and Hazardous Substances Pollution Contingency Plan is recommended.

Report Reviewed and Approved by:

Signature:

Date:

Randolph L. Brown, P.G.

03/20/13

Unit Chief, Site Assessment Unit/Remedial Section/Bureau of Environmental Remediation

Site Decision Made by:

Signature:

Date:

Rick Bean, P.G.

03/21/13

Section Chief, Remedial Section, Bureau of Environmental Remediation